IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

In re application of: Hatayama

F US02015

CENTRAL FAX CENTER

Application No.: 10/626,175

Title: VARIABLE-RESISTANCE ELEMENT

Examiner: EASTHOM, KARL D

Attorney Docket No.: ALPSP129/

AUG 1 6 2004

Filed: July 23, 2003

Group: 2832

CERTIFICATE OF TRANSMISSION I hereby certify that this correspondence is being transmitted via facsimile to the United States Patent and Tredemark Office, Attention: Examiner EASTHOM, KARL D at facsimile number 703-872-9306 on

Tomika Thomas

<u>AMENDMENT A</u>

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450)

Dear Sir:

In response to the Office Action dated June 1, 2004, please amend the above-identified patent application as indicated in the following pages.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 4 of this paper.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Hatayama

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I hereby certify that this correspondence is being transmitted via facsimile to the United States Patent and Trademark Office, Attention: Examiner EASTHOM, KARL D at facsimile number 703-872-9306 on August 13, 2004.

108031 13, 2004.

Signed:

Tomica Thomas

AMENDMENT TRANSMITTAL

Mail Stop Amendments Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

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Transmitted herewith is an Amendment in the above-identified application.

The fee has been calculated as shown below.

	Claims After Amendment		Highest Previously Paid For	Present Extra	Small Entity Rate Fee	Large Entity Rate Fee
Total Claims	04	MINUS	06	00	x 9 =	x 18 = 00
Independent Claims	01	MINUS	01	00	x 43 =	x 86 = 00
Multiple Dependent Claim Present and Fee Not Previously Paid					\$145.00	\$290.00
Triditipic Depe				Total	S	\$00

Applicant(s) hereby petition for a _____ month extension(s) of time to respond to the

aforementioned Office Action.

Applicant(s) believe that no (additional) Extension of Time is required; however, if it is

determined that such an extension is required, Applicant(s) hereby petition that such an extension be granted and authorize the Commissioner to charge the required fees for an Extension of Time

under 37 CFR 1.136 to Deposit Account No. 500388.

Please charge the required fees, or any additional fees required to facilitate filing the

enclosed response, to Deposit Account No. 500388 (Order No. ALPSP129).

Respectfully submitted, BEYER WEAVER & THOMAS, LLP

, - WAT

PP(/

Haruo Yawata

Limited Recognition under 37 CFR § 10.9(b)

P.O. Box 778 Berkeley, CA 94704-0778

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INTELLECTUAL PROPERTY LAW

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FACSIMILE COVER SHEET

August 13, 2004

Receiver:

Examiner Karl D. Easthom

USPTO

FAX#:

703-872-9306

Sender:

Tomika Thomas, Patent Secretary to:

HARUO YAWATA

Our Ref. No.: ALPSP129/F US02015

Application No.: 10/626,175

Re:

Amendment A

Pages Including Cover Sheet(s): 8

MESSAGE:

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